

Cytochrome P450-Dependent Enzymes From *Euphorbia lagascae* (SEQ ID NO:2) and *Capsicum annuum* (gi 6739506)

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gi6739506  ME---IQFTN-LVAFLLFLSSIIILLKKWKTKLNLPGPWKLPFTIGSLHHLAVAGPLPHHGKNIAKLYGPLMHLRLGEIPTVISSPR
SEQ ID NO:2  MEQKNLSFSPSILISFLLVLI-LVVVMRLWKQ--NPPPGPWKFPIIGNLPHLLITSDLGHERFRAIAQIYGPMVMSLQIGQVS AVVSSAE

gi6739506  MAKEVLKTHDLAFATRPKLVVADIVHYDSTDIAFSPYGEYWRQIRKICILELLSAKMVKFFSSIRQDELMMVSSIRTMPNFPVNLTDKI
SEQ ID NO:2  AAKEVMKTQADAFAPQPIVLDQIVFYNRKDVLFASYGDHWRQMKKIWILEFLSAKKVQSSRLIREEEMEDAITFLRSKAGSPVNI TKII

gi6739506  FWTSSVTCRSALGKICRDQDKLIIEMREIIISLTGGFSIADFFPTWKMLHDVGGSKTRLLKAHRKI DEILEHVVNEHKQNRADGQKGNGE
SEQ ID NO:2  YGIIISIMIRTSVGN-CKQKERLLSVADAVNEAATSGTADAFPTWKLLHYIIIGAESKPRRLHQEIDDILEEILNEHKANKP-----

gi6739506  FGGEDLIDVLLRVRESGEVQISITDDNIKSILVDMFSAGSETSTTIWALAE MMKPSVLAKAQAEVRQVLKEKKGFQQIDLDLDELKYLK
SEQ ID NO:2  FEADNLMDVLLNLQKNGNVPVPVTNESIKASVLQMF TAGSETTSKATEWVMAELMKNPTELRKAQEEVRQVFGEMGKVDES RFHDLKFFK

gi6739506  LVIKETLRMHPPPIPLLVPRECMKDKIDGYNI PFKTRVIVNAWAI GRDPESWDDPESFSPERFENSVD FLGSHHQFIPFGAGRRI CPGM
SEQ ID NO:2  LVVKETLR LHPPV-VLIPRECRETRIDGYEIHNPNTRI VVNAWAI GRDPNTWSEPGKFNPERFKDCAIDYKGTTFELVPFGAGKRICPGI

gi6739506  LFGLANVGQPLAQLLYHFDRKLPNGQSHENLDMTESPGISATRKDDLVL IATPYD-----P
SEQ ID NO:2  TSAITNLEYVIINLLYHFNWELADGITPQILDMTEAIGGALRKKIDIKLIP IPIYQVSLGSNIS

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FIG. 1

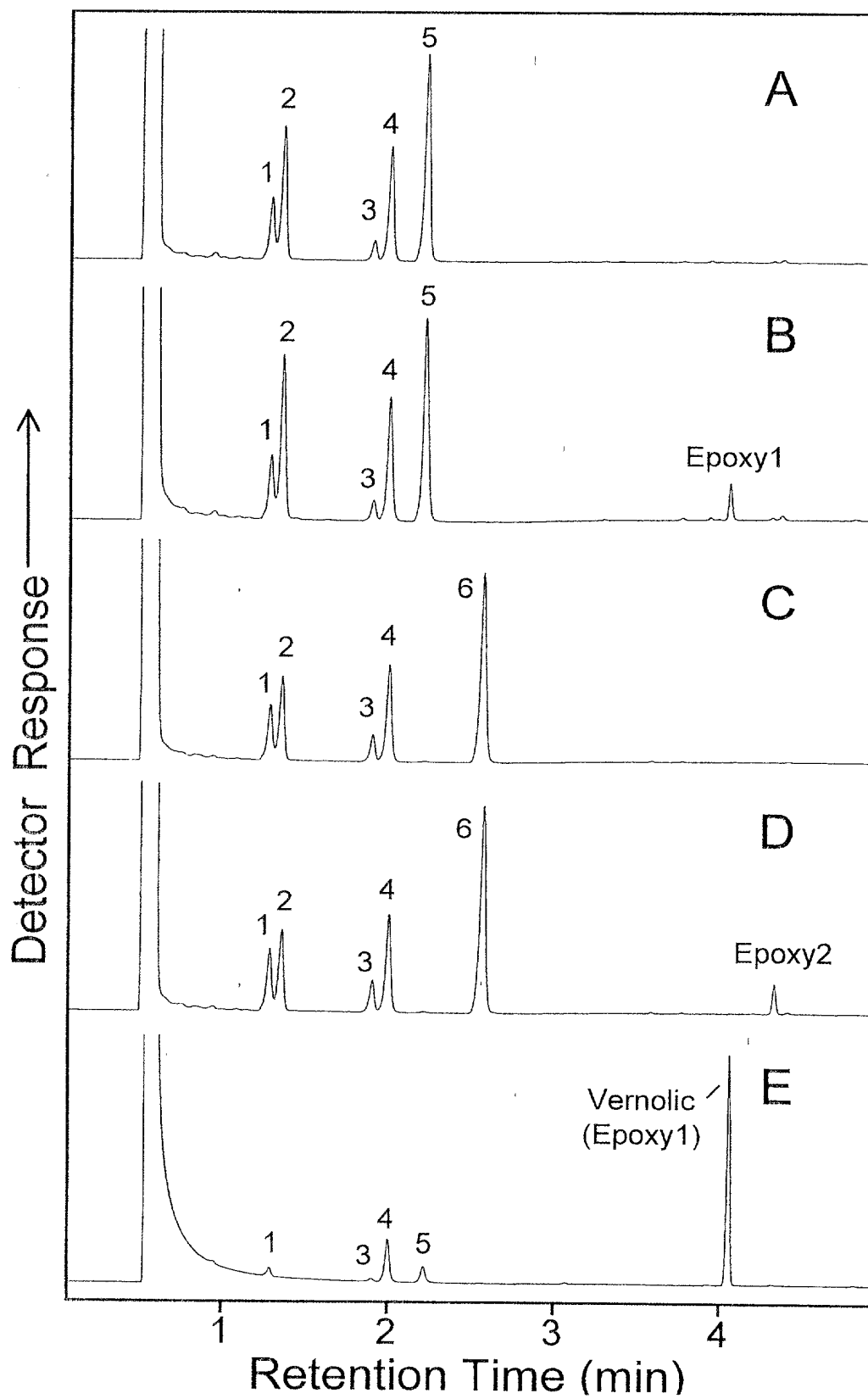


FIG. 2

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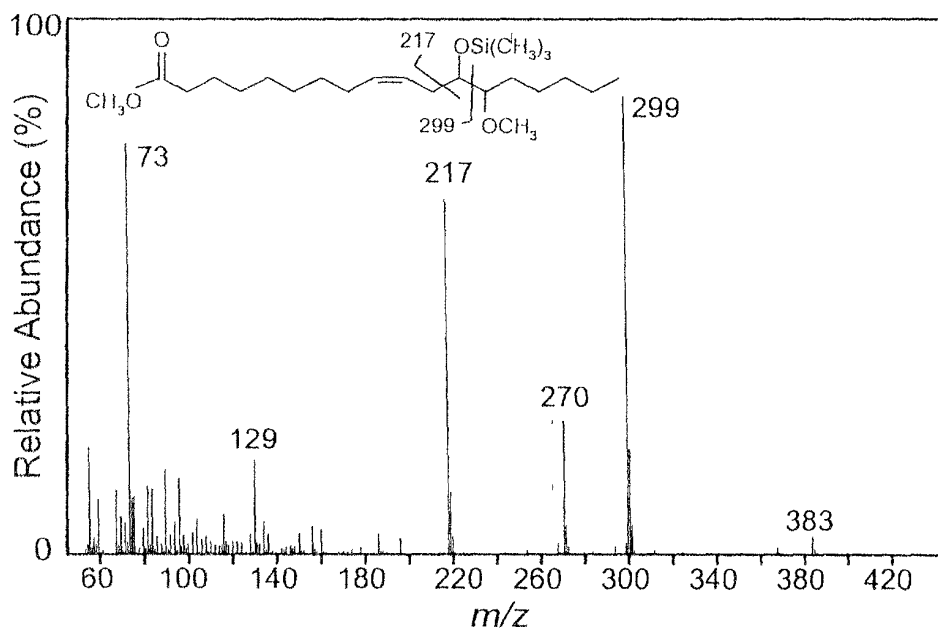


FIG. 3A

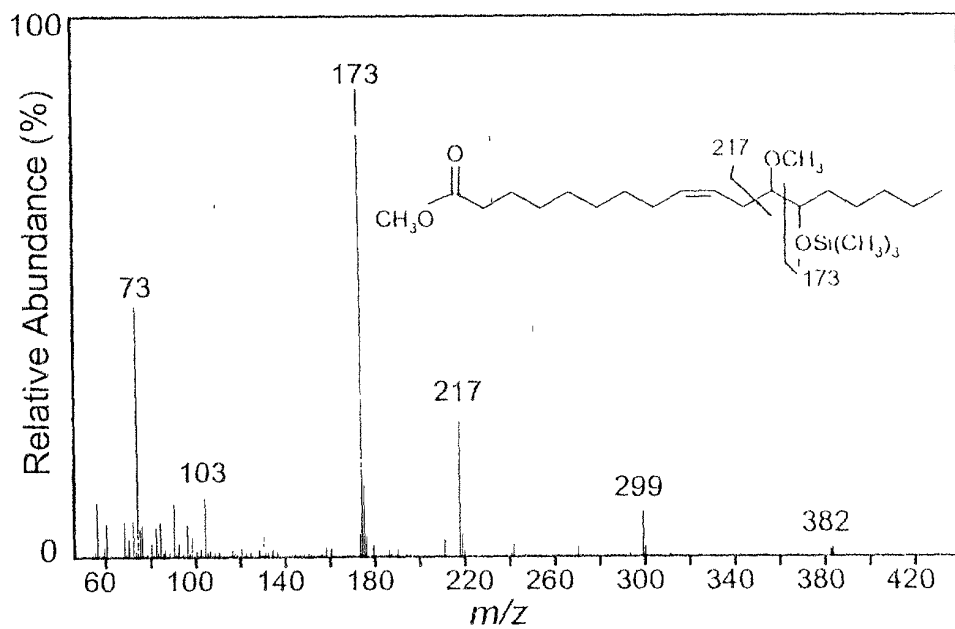


FIG. 3B

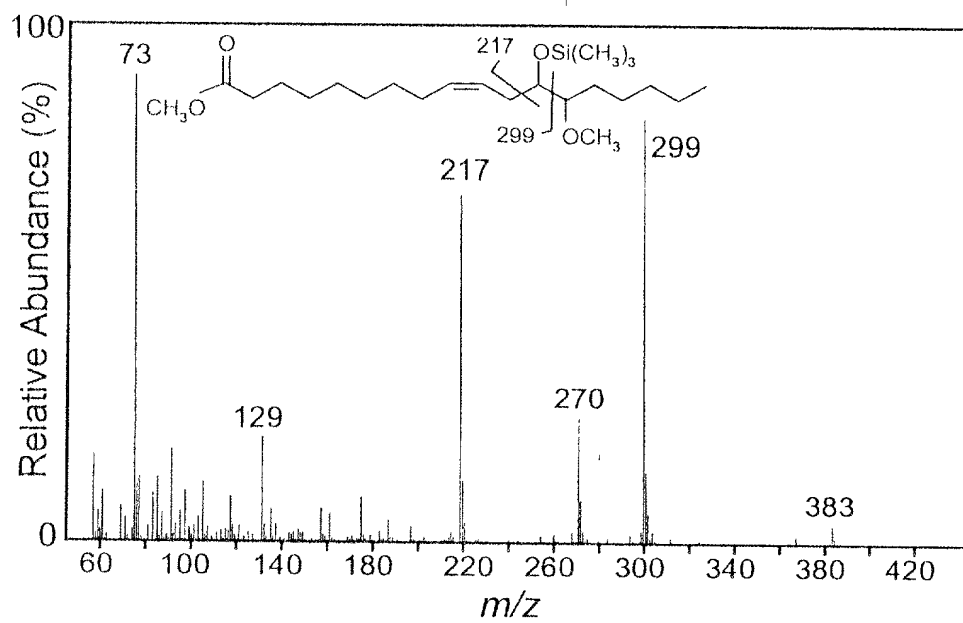


FIG. 3C

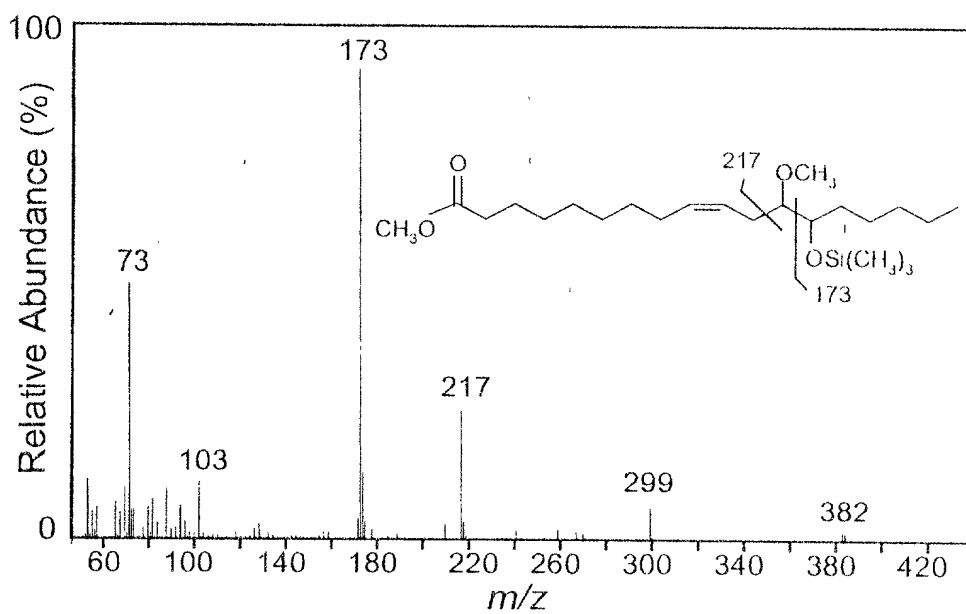


FIG. 3D

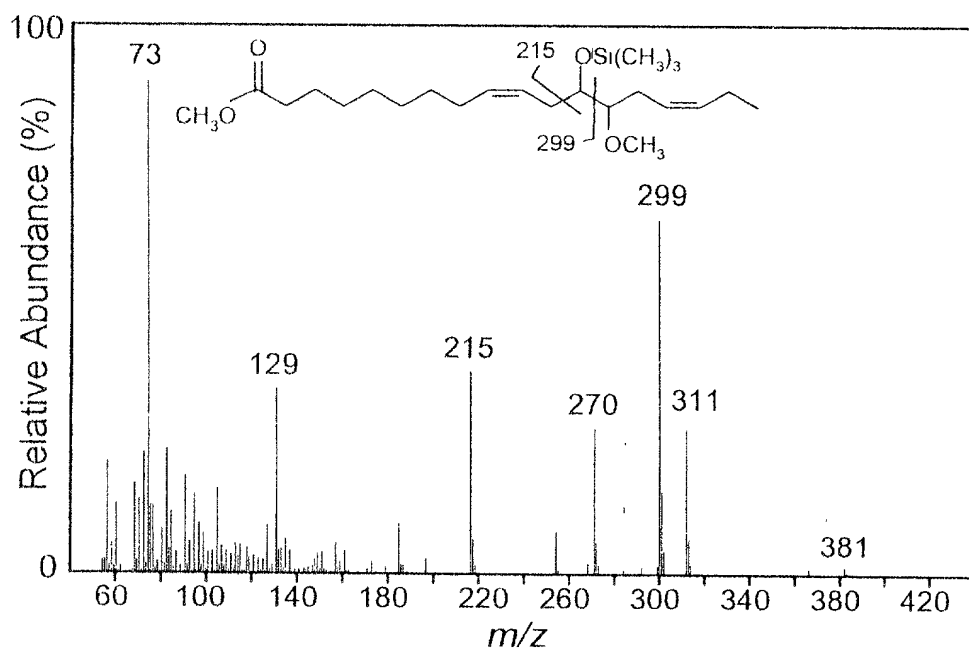


FIG. 3E

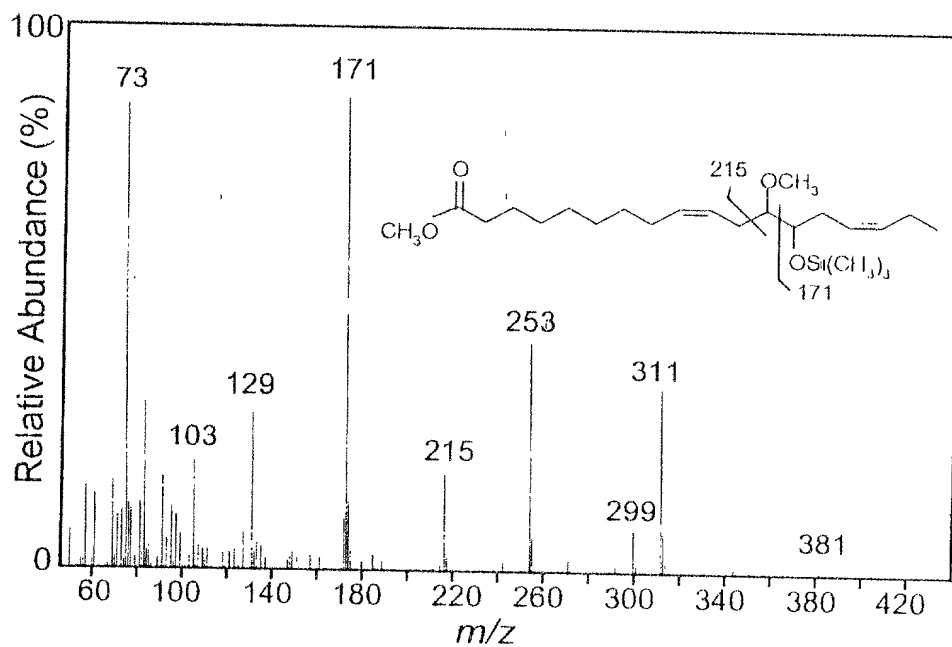


FIG. 3F

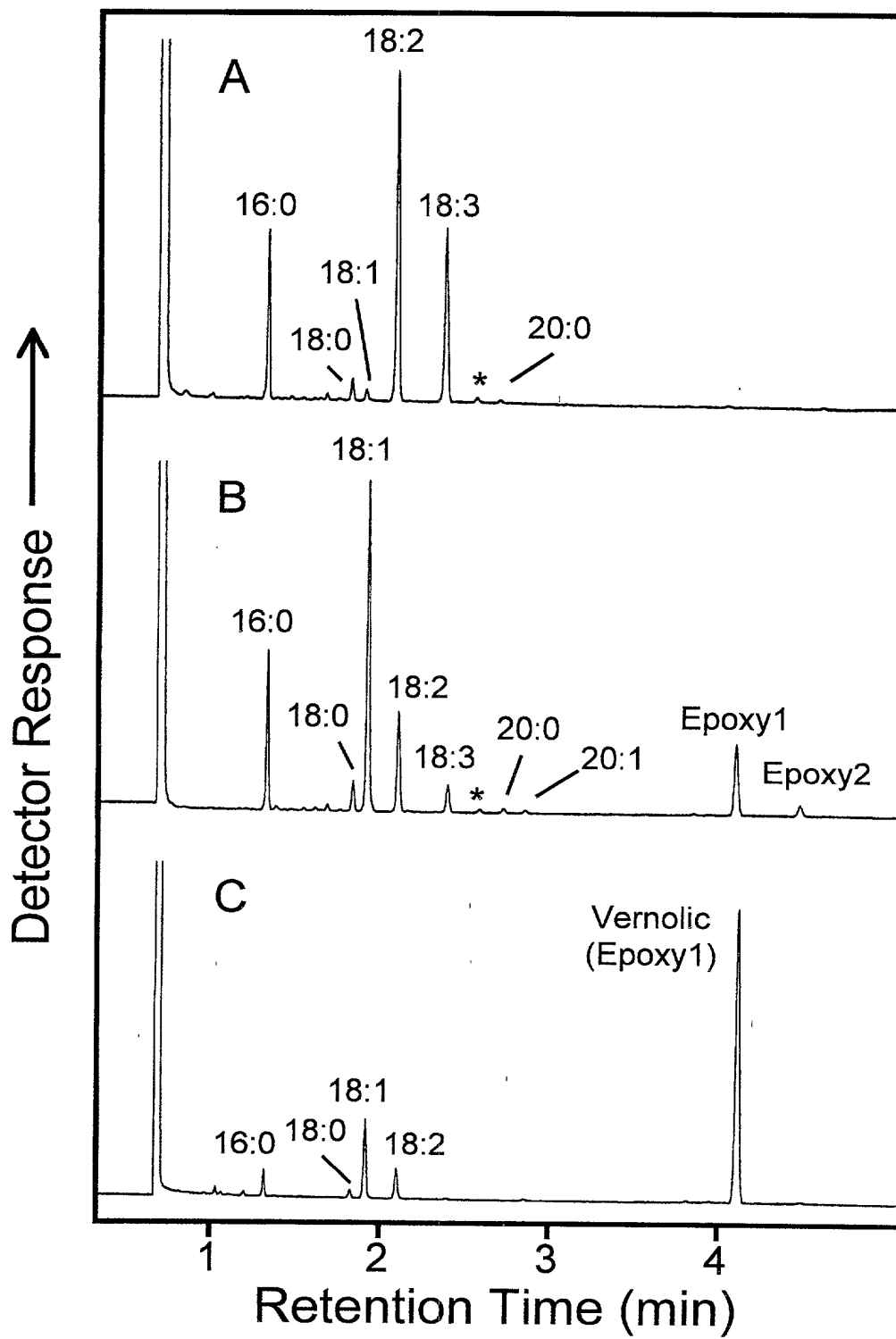


FIG. 4

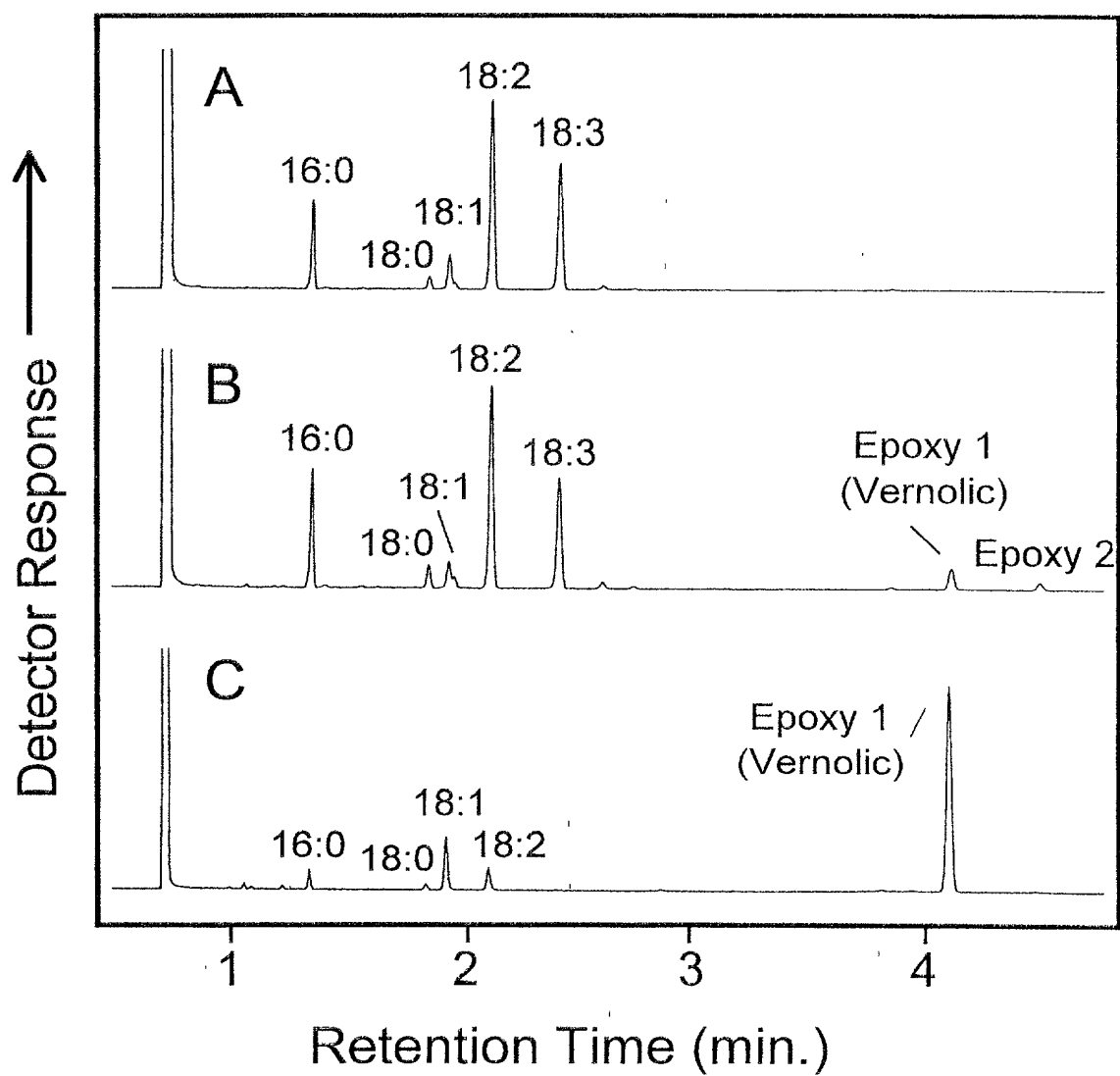


FIG. 5